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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|-----------------------|
| Attorney Docket No. | CUC-118 |
| First Inventor | Alfonso AEWCHAGA CA |
| Title | GLASS MELTING FURNACE |
| Express Mail Label No. | EL 71773970045 |

06/14/01
009/88185
1000 U.S. PRO

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- | | | |
|----|--|---|
| 1. | <input checked="" type="checkbox"/> | Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> |
| 2. | <input checked="" type="checkbox"/> | Applicant claims small entity status. See 37 CFR 1.27. |
| 3. | <input checked="" type="checkbox"/> | Specification [Total Pages <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure |
| 4. | <input checked="" type="checkbox"/> | Drawing(s) (35 U.S.C. 113) [Total Sheets] <input type="checkbox"/> |
| 5. | Oath or Declaration [Total Pages] <input type="checkbox"/> | |
| a. | <input checked="" type="checkbox"/> | Newly executed (original or copy) |
| b. | <input type="checkbox"/> | Copy from a prior application (37 CFR 1.63 <i>(for continuation/divisional with Box 18 complete)</i> |
| i. | <input type="checkbox"/> | <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). |
| 6. | <input type="checkbox"/> | Application Data Sheet. See 37 CFR 1.76 |

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. CD-ROM or CD-R (2 copies); or

ii. paper

c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document *(if applicable)*

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
 Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: Form PTO-2038.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

Prior application information: _____ *Examiner* _____ *Group Art Unit* _____
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion of the disclosure is omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | |
|--------------------------|-------------------------------------|---|---|
| <input type="checkbox"/> | Customer Number or Bar Code Label | 20311 <small>(Insert Customer No. or attach bar code label here)</small> | <input type="checkbox"/> or <input type="checkbox"/> Correspondence address below |
| Name | BIERMAN, MUSERLIAN AND LUCAS | | |
| Address | 600 Third Avenue | | |
| | | | |
| City | New York | State | NY |
| Country | US | Telephone | 212-661-8000 |
| Fax | 212-661-8002 | | |
| Name (Print/Type) | Donald C. Lucas | Registration No. (Attorney/Agent) | 31,275 |
| Signature | <i>Donald C. Lucas</i> | | Date June 14, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 395

Complete if Known

| | |
|----------------------|--------------------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Alfonso ARECHAGA CAMARA et al. |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket No. | CUC-118 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-2275**
 Deposit Account Name **BIERMAN, MUSERLIAN AND LUCAS**

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | | | |
|---------------|---------------|-----|-----|------------------------|
| Fee Code (\$) | Fee Code (\$) | | | |
| 101 | 710 | 201 | 355 | Utility filing fee |
| 106 | 320 | 206 | 160 | Design filing fee |
| 107 | 490 | 207 | 245 | Plant filing fee |
| 108 | 710 | 208 | 355 | Reissue filing fee |
| 114 | 150 | 214 | 75 | Provisional filing fee |
| 355 | | | | |

SUBTOTAL (1) (\$ 355

2. EXTRA CLAIM FEES

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
| | | | -20** = | X | = |
| | | | -3** = | X | = |
| | | | | | |

| Large Entity | Small Entity | | | |
|---------------|---------------|-----|-----|--|
| Fee Code (\$) | Fee Code (\$) | | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |
| (\$) | | | | |

SUBTOTAL (2)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid | | |
|---------------------------|---------------|-----------------|----------|--|--|
| Fee Code (\$) | Fee Code (\$) | Fee Description | Fee Paid | | |
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | 40 | |

*or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|------------------------|-----------------------------------|---------------|-----------|--------------|
| Name (Print/Type) | Donald C. Lucas | Registration No. (Attorney/Agent) | 31,275 | Telephone | 212-661-8000 |
| Signature | <i>Donald C. Lucas</i> | | | | |
| | | Date | June 14, 2001 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Date of Deposit: June 14, 2001

I hereby certify that this correspondence is being deposited
with the United States Postal Service "EXPRESS MAIL POST OFFICE TO
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and is addressed to Asst. Commissioner for Patents, Washington,
D.C. 20231.

S. Harorceejay